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Sequence Listing could not be accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=9; day=18; hr=9; min=54; sec=13; ms=918;]

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Reviewer Comments:

<210> 3

<211> 21

<212> RNA

<213> Artificial Sequence

<220>

<223> Completely synthetic amino acid

<400> 3

aaguuucugu uugagcgugu g

21

The <223> response shows an error: this sequence is not an amino acid sequence. Please just use "Completely synthetic." This error appears in subsequent nucleotide sequences.

<210> 14

<211> 15

<212> PRT

<213> Amino acid

<220>

<223> Completely synthetic amino acid

The above <213> response is invalid: the only valid <213> responses are: the Genus species of the organism, "Artificial Sequence," or "Unknown." "Artificial Sequence" and "Unknown" require explanation in the <220>-<223> section. Please give the source of the genetic material. Please just use "Completely synthetic" in the <223> response.

<210> 15

<211> 12

<212> PRT

<213> Homo sapien

Please use "Homo sapiens" in the <213> response; same for Sequences 16-19.

Application No: 10586701

Version No: 1.0

Input Set:

Output Set:

Started: 2008-08-20 09:59:54.252

Finished: 2008-08-20 09:59:55.453

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 201 ms

Total Warnings: 17

Total Errors: 0

No. of SeqIDs Defined: 19

Actual SeqID Count: 19

Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
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W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
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W 402	Undefined organism found in <213> in SEQ ID (16)
W 402	Undefined organism found in <213> in SEQ ID (17)
W 402	Undefined organism found in <213> in SEQ ID (18)
W 402	Undefined organism found in <213> in SEQ ID (19)

SEQUENCE LISTING

<110> Merck & Co., Inc.

Filocamo, Gessica

Steinkuhler, Christian

<120> INHIBITORS OF MAMMALIAN HDAC 11 USEFUL

FOR TREATING HDAC 11 MEDIATED DISORDERS

<130> ITR0064Y

<140> 10586701

<141> 2008-08-20

<150> US 60/537,940

<151> 2004-01-21

<160> 19

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 1755

<212> DNA

<213> Homo sapiens

<400> 1

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<210> 2

<211> 347

<212> PRT

<213> Homo sapiens

<400> 2

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20 25 30
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35 40 45
Leu Lys Glu Glu Lys Leu Leu Ser Asp Ser Met Leu Val Glu Ala Arg
50 55 60
Glu Ala Ser Glu Glu Asp Leu Leu Val Val His Thr Arg Arg Tyr Leu
65 70 75 80
Asn Glu Leu Lys Trp Ser Phe Ala Val Ala Thr Ile Thr Glu Ile Pro
85 90 95
Pro Val Ile Phe Leu Pro Asn Phe Leu Val Gln Arg Lys Val Leu Arg
100 105 110
Pro Leu Arg Thr Gln Thr Gly Gly Thr Ile Met Ala Gly Lys Leu Ala
115 120 125
Val Glu Arg Gly Trp Ala Ile Asn Val Gly Gly Gly Phe His His Cys
130 135 140
Ser Ser Asp Arg Gly Gly Gly Phe Cys Ala Tyr Ala Asp Ile Thr Leu
145 150 155 160
Ala Ile Lys Phe Leu Phe Glu Arg Val Glu Gly Ile Ser Arg Ala Thr
165 170 175
Ile Ile Asp Leu Asp Ala His Gln Gly Asn Gly His Glu Arg Asp Phe
180 185 190
Met Asp Asp Lys Arg Val Tyr Ile Met Asp Val Tyr Asn Arg His Ile
195 200 205
Tyr Pro Gly Asp Arg Phe Ala Lys Gln Ala Ile Arg Arg Lys Val Glu
210 215 220
Leu Glu Trp Gly Thr Glu Asp Asp Glu Tyr Leu Asp Lys Val Glu Arg
225 230 235 240
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245 250 255
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260 265 270
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Gln Lys Arg Thr Ala Arg Ile Ile Ala Asp Ser Ile Leu Asn Leu Phe
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<210> 3

<211> 21

<212> RNA
 <213> Artificial Sequence

 <220>
 <223> Completely synthetic amino acid

 <400> 3
 aaguuucugu uugagcgugu g 21

 <210> 4
 <211> 23
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Completely synthetic amino acid

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 <223> Completely synthetic amino acid

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 <210> 7
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 acccguacuc gcucugaauu gaa 23

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 gagucugugu ggcgacgaaa a 21

<210> 10
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<400> 10
 gacucuuaac cucuccugua a 21

<210> 11
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<400> 11
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<210> 14

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<213> Amino acid

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<400> 14

Met Leu His Thr Thr Gln Leu Tyr Gln His Val Pro Glu Thr Arg

1 5 10 15

<210> 15

<211> 12

<212> PRT

<213> Homo sapien

<400> 15

Ala Ala Gly Gly Gly Cys Cys Gly Cys Gly Gly Cys

1 5 10

<210> 16

<211> 10

<212> PRT

<213> Homo sapien

<400> 16

Gly Cys Gly Gly Ala Gly Cys Gly Gly Gly

1 5 10

<210> 17

<211> 15

<212> PRT

<213> Homo sapien

<400> 17

Gly Gly Gly Cys Ala Gly Ala Gly Cys Gly Ala Gly Ala Cys Cys

1 5 10 15

<210> 18

<211> 15

<212> PRT

<213> Homo sapien

<400> 18

Cys Cys Ala Gly Ala Cys Ala Cys Ala Cys Cys Gly Cys Gly Cys

1 5 10 15

<210> 19

<211> 16

<212> PRT

<213> Homo sapien

<400> 19

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1

5

10

15